

ORIGINAL
(254)

DATE: ? 1979

BASF Wyandotte

From Robert L. Jelenc

31st Street Landfill - Huntington

IW-5959-79

Inspection initiated by Tom Boggs, Facilities Manager for BASF Wyandotte Corporation in response to a request for a meeting to ~~go~~ review plans to close out the 31st street landfill site started by Chemetron.

The landfill is an old site part of which has been filled and covered and part of which material was disposed of and left without covering. This was completed by old management and BASF now wants to shut down the old site. Finalized plans for this close out were not yet available, although consultants and contractors have been brought in on the project.

There was evidence of runoff from the site both on the completed fill section and the "active" fill section. Evidence of runoff on the north end shows where ponding occurred and where the water entered the river.

From the length of time that the uncovered waste material was sitting exposed on the site I would consider it likely the potential groundwater contamination could have occurred.

There was no evidence of erosion or scouring caused by river flooding although the possibility exist.



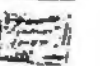
Fill Complete - In Grass



Dike - In Grass



Access Road



Active Fill 85% Complete



Area Ready for Fill



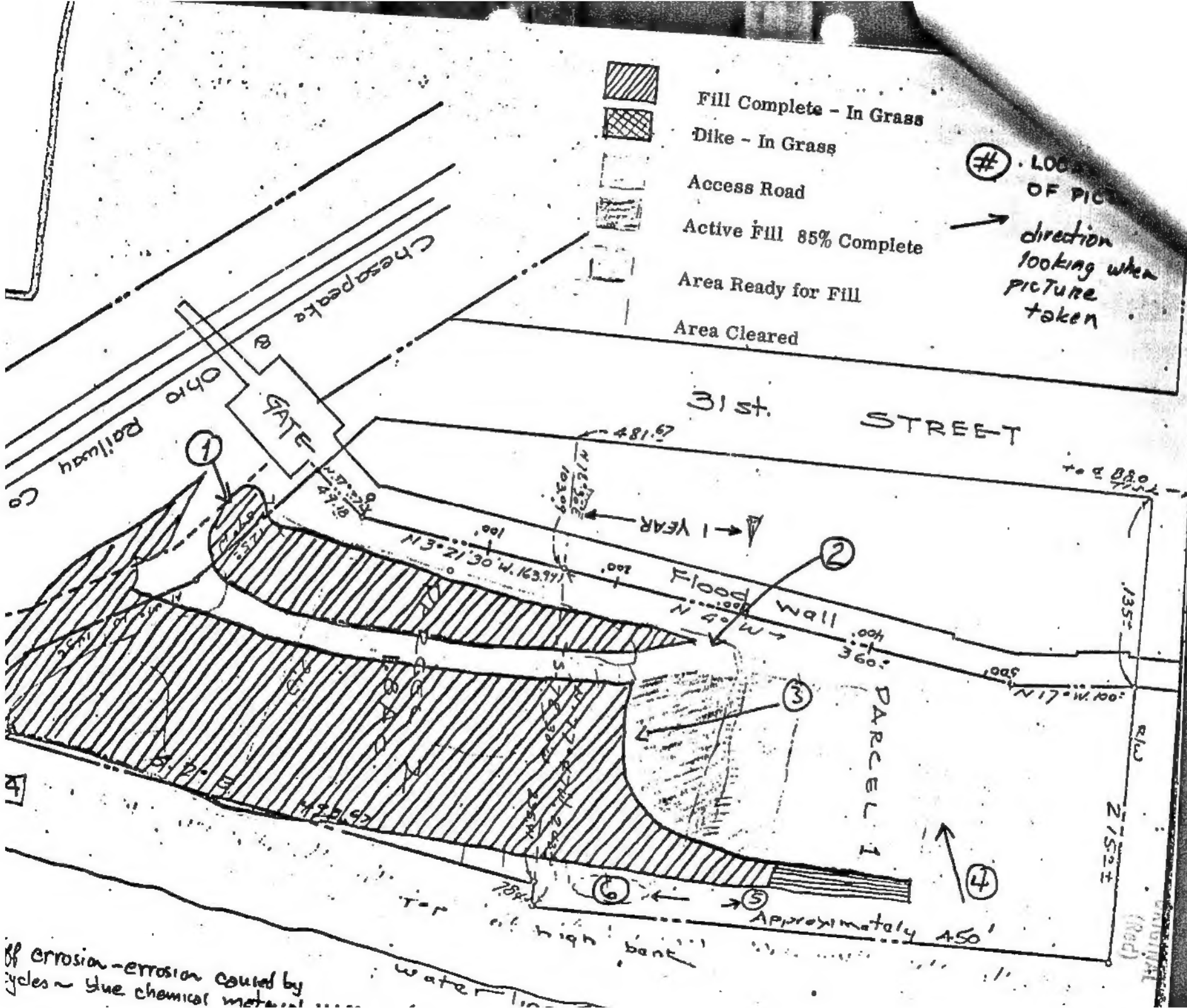
Area Cleared



LOOK OF PICT



direction looking when picture taken



erosion - erosion caused by cycles - due chemical material

water line

six photos were taken: see attached sheet:

#1 - taken at the south end of the site ~ the oldest section -, this shows evidence of runoff flowing south and indication of a white material probably the calcium sulfate (gypsum) waste material. - rivulets shown.

#2 The old section was covered with approximately one to two feet of ~~cover~~ topsoil ~ runoff noticeable coming off of the site. This picture shows the waste material dumped but not covered and a roadway leading up onto the site. - taken on west side of landfill.

#3 shows where new uncovered fill area starts. center of site

#4 North end of site where trees and shrubs were knocked over and covered ~ will have to be cleaned up before final cover is made. Also runoff and drainage evident in this area. Flow east to river which is approximately 50-60 ft from site.

#5 a picture of a partially uncovered ~~and~~ broken sack of the blue dye type material ~ more were evident

Access to the area is not controlled and entry onto the site is easily made by going around the Flood wall at the south end of the site. This is a problem because the site is now being used by dirt bikers who are causing erosion problems on the covered and grassed slopes.

There is evidence on the site that sacks of a blue pigment or dye type material was ~~disposed~~ ^{by} disposed of at the site. These sacks were seen in the uncovered section and in the older section where erosion caused by cyclist have exposed one of the bags. Also in some areas of the covered section it appears that a sandy material was used which is now discolored blue possibly from the material leeching upwards through the ^{TO THE FILL} (material).

The drainage which was suggested to be around the site is/was not evident.

One area of the sloped ^{covered} Fill corresponding to the area left uncovered shows evidence of leechate (Vegetation Kill). This probably occurs during rainy weather when water percolates through the ~~Fill~~ waste material and migrates toward the river existing on the side of the slope.

As mentioned above the cover material used on the older section may not have been adequate where a